

chain nodes :

1 2 3 4 5 6 7 11

chain bonds :

1-3 1-2 1-11 3-4 3-7 4-5 4-6

exact/norm bonds :

1-2 1-11

exact bonds :

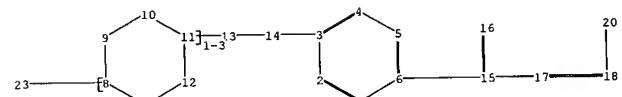
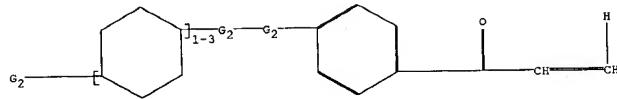
1-3 3-4 3-7 4-5 4-6

G1:H,CH3

G2:O,S

Match level :

1:CLASS2:CLASS3:CLASS4:CLASS5:CLASS6:CLASS7:CLASS11:Atom



chain nodes :

13 14 15 16 17 18 20 23

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12

chain bonds :

3-14 6-15 8-23 11-13 13-14 15-16 15-17 17-18 18-20

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12

exact/norm bonds :

3-14 7-8 7-12 8-9 8-23 9-10 10-11 11-12 11-13 13-14 15-16

exact bonds :

6-15 15-17 17-18 18-20

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

G1:H,CH3

G2:C,O

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom 12:Atom  
13:CLASS14:CLASS15:CLASS16:CLASS17:CLASS18:CLASS20:CLASS23:CLASS

AN 1967:19135 CAPLUS  
DN 66:19135  
ED Entered STN: 12 May 1984  
TI Chlorostyrene-diacrylophenone copolymers  
IN Rubens, Louis C.  
PA Dow Chemical Co.  
SO U.S., 5 pp.  
CODEN: USXXAM  
DT Patent  
LA English  
INCL 260880000  
CC 36 (Plastics Manufacture and Processing)  
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 3285997		19661115	US 1963-295810	19630717

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
US 3285997	INCL	260880000
	IPCR	C08F0016-00 [I,C*]; C08F0016-36 [I,A]; C08F0212-00 [I,C*]; C08F0212-14 [I,A]; C08F0259-00 [I,C*]; C08F0259-04 [I,A]
	NCL	525/292.000; 526/232.100; 526/293.000; 526/313.000; 526/316.000; 568/316.000; 568/331.000

AB Rigid chlorostyrene-diacrylophenone copolymers were prepared from o-chlorostyrene (I) and 4,4'-oxydiacrylophenone (II), diacrylophenone, or 4,4'-ethylenediacrylophenone in the presence of a Bz2O2 free radical catalyst and with or without poly(o-chlorostyrene) (III) or polystyrene viscosity-increasing agent. Thus, to 20% III in I solution 96, was added II 4 and Bz2O2 0.5 part. After 20 min. agitation, 50 parts was poured onto 30 parts of a fibrous glass mat and the impregnated mat was compressed and cured 10 min. at 95° under 10 lb./in.2 The resultant panel was 0.10 in. thick and contained 20% glass embedded in the resin matrix. The panel had flexural strength 29,000 psi., flexural modulus 1.5 + 106 psi., tensile strength 18,000 psi., d. 1.54, a translucent appearance, Rockwell hardness (M scale) 110, and self-extinguishing properties. Other copolymers were prepared utilizing polybutadiene rubbers as viscosity-increasing agents.

ST CHLOROSTYRENE ACRYLOPHENONE POLYMERS; ACRYLOPHENONE CHLOROSTYRENE POLYMERS; POLYMERS ACRYLOPHENONE CHLOROSTYRENE

IT Fire-resistant materials

(chlorostyrene polymers with diacrylophenones as)

IT Fiber, glass, uses and miscellaneous

RL: USES (Uses)

(laminates with o-chlorostyrene polymers with diacrylophenones)

IT Rubber, butadiene, uses and miscellaneous

Rubber, butadiene-styrene, uses and miscellaneous

Rubber, nitrile, uses and miscellaneous

(o-chlorostyrene polymerization with diacrylophenone in presence of)

IT 31939-77-2P

RL: PREP (Preparation)

(manufacture in presence of o-chlorostyrene or styrene polymers or rubbers)

IT 31939-76-1P 31939-78-3P

RL: PREP (Preparation)

(manufacture in presence of o-chlorostyrene polymers)

IT 9003-53-6, uses and miscellaneous

RL: USES (Uses)

(o-chlorostyrene polymerization with diacrylophenone in presence of)

IT 26125-41-7

RL: USES (Uses)

(o-chlorostyrene polymerization with diacrylophenones in presence of)

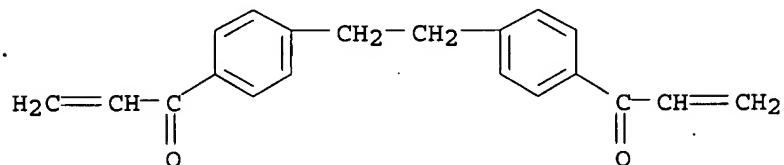
IT 9003-55-8

(rubber, butadiene-styrene; o-chlorostyrene polymerization with

diacrylophenone in presence of)  
IT 9003-17-2  
(rubber, butadiene; o-chlorostyrene polymerization with diacrylophenone in  
presence of)  
IT 9003-18-3  
(rubber, nitrile; o-chlorostyrene polymerization with diacrylophenone in  
presence of)  
IT 31939-78-3P  
RL: PREP (Preparation)  
(manufacture in presence of o-chlorostyrene polymers)  
RN 31939-78-3 CAPLUS  
CN Acrylophenone, 4',4'''-ethylenedi-, polymer with o-chlorostyrene (8CI)  
(CA INDEX NAME)

CM 1

CRN 7664-59-7  
CMF C20 H18 O2



CM 2

CRN 2039-87-4  
CMF C8 H7 Cl

